Index of Claims

| _ | Application/Control No. | Applicant(s)/Patent under Reexamination |
|---|-------------------------|---|
|   | 10/540,976              | GUINOT ET AL.                           |
|   | Examiner                | Art Unit                                |

Paul Marcantoni

1755
Appeal

| <b>√</b> | Rejected |
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| 11       | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| 4 | Appeal   |
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| 0 | Objected |

| The color of the |          | -1          | - Data                              |              |                |                   |  |  | Claire   |                 |           |           |            |  |          |                 |          |          | Claim    |          |          |          |          |          |                 |          |              |          |           |                    |                |   |
|--|----------|-------------|-------------------------------------|--------------|----------------|-------------------|--|--|--|-----------------|-----------|-----------|------------|--|----------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------------|----------|--------------|----------|-----------|--------------------|----------------|---|
| 1  | Cla      | im          | <u> </u>                            |              |                | ,                 | uat <sub>i</sub>                                 | e_                                     | 1  | 1               | -         | <u>C1</u> | Claim Date |  |          |                 |          |          |          |          |          |          | aım      | Date     |                 |          |              |          |           |                    |                |   |
| Section   Sect | Final    | Original    | 5/2                                 | <br>         |                |                   |  |  |  |                 |           | Finat     | Original   |  |          |                 |          |          |          |          |          |          | Final    | Original |                 |          |              |          |           |                    |                |   |
| Section   Sect |          | 1           | 1/                                  | <del> </del> |                | ┝                 |  | $\vdash$                               | +  | <del> </del>    | $\dashv$  |           | 51         | -  |          | -               |          |          | $\neg$   |          |          |          |          | 101      | $\vdash$        | $\dashv$ | ╁            | ╁        | +-        | -                  |                |   |
| 3  | <u> </u> |             |                                     | ╀─           | $\vdash$       | ⊢                 | <del>                                     </del> | ╁                                      | ┼-   |                 | H         | <b>—</b>  |            |  |          | Н               | $\neg$   |          | $\dashv$ |          | $\dashv$ |          |          |          | $\vdash$        | $\dashv$ | +            | +        | ╫         | $\vdash$           | $\vdash$       | _ |
| A  | <u> </u> | <del></del> | -                                   | ┨            |                |                   |  | H                                      |  |                 | H         |           |            | <del>                                     </del> |          | $\vdash$        |          |          | $\dashv$ |          | $\neg$   |          |          |          | H               | -        | +            | +        | +         | -                  | М              | _ |
| 55   | <u> </u> |             | _                                   | ⇈            |                | -                 | <b>†</b>   | ┢                                      |  |                 | $\Box$    |           |            | H  |          | Н               | =        |          |          |          | 一        | _        |          |          | $\vdash$        |          | ╅            | ┰        | +         |                    | М              |   |
| 6  | -        |             | <u> </u>                            | $\Box$       | _              | $\vdash$          | <u> </u>   | 1                                      |  |                 | П         |           |            | $\vdash$   |          | П               | $\neg$   |          | $\dashv$ |          |          | _        |          | 105      |                 |          | $\top$       | $\top$   | +         | 1                  |                |   |
| 107  |          |             | V                                   | <u> </u>     |                | ┢                 | T-   | $\vdash$                               |  |                 |           |           |            |  |          |                 |          |          |          |          |          |          |          | 106      | $\Box$          | $\dashv$ | +            | +        | 1         | H                  |                |   |
| 9  |          |             | V                                   |              |                |                   |  | T                                      |  |                 | П         |           |            | $\Box$   |          |                 |          |          |          |          | 寸        | □        |          |          | П               |          | $\top$       | 1        | 1         |                    |                |   |
| 10   |          | 8           | V                                   |              |                | Π                 |  |  | Π  |                 | П         |           |            | Г  |          | П               |          |          |          |          | ╗        | $\neg$   |          |          |                 |          | T            | T        | 1         |                    |                |   |
| 111  |          | 9           | V                                   |              |                |                   |  |  |  |                 |           |           |            |  |          |                 |          |          |          |          |          |          |          |          |                 |          |              |          |           |                    |                |   |
| 12   |          | _           | V                                   |              |                |                   |  |  |  |                 |           |           |            |  |          |                 |          |          |          |          |          |          |          |          |                 |          | floor        | 1        |           |                    |                |   |
| 18   |          |             | V                                   | <u>[</u>     |                |                   |  | L                                      | _  |                 | Ш         |           |            | L  |          |                 |          |          | $\Box$   |          |          |          |          |          |                 |          |              |          |           |                    |                |   |
| 114  |          |             | V                                   |              |                |                   |  |  |  |                 |           |           |            |  |          |                 |          |          |          |          |          |          |          | 112      | Ш               |          |              |          |           |                    |                |   |
| 1  |          |             | L                                   | ļ            | igsqcup        |                   |  |  | <u> </u>   |                 | Ш         |           |            |  |          | Ш               |          |          |          | ]        | $\perp$  | _        | <u> </u> |          | Ш               |          | Ĺ            | $\perp$  |           | $oxedsymbol{oxed}$ |                |   |
| 16   |          |             | _                                   | <u> </u>     | <u> </u>       | <u> </u>          | 1  | <u> </u>                               | <u> </u>   |                 | Ш         |           |            |  | <u>L</u> | Ш               |          |          |          |          |          | _        |          |          | $\sqcup$        | $\perp$  | $\perp$      | 1_       | <u> </u>  | <u> </u>           | Ш              |   |
| 11   |          |             |                                     | <b> </b>     | <b> </b>       | <u> </u>          | <u> </u>   | <u> </u>                               | $\vdash$   |                 | Ш         | <u> </u>  |            | <u> </u>   | <u> </u> | Щ               |          |          |          |          | _        | _        | <u> </u> |          |                 |          | $\downarrow$ | 4        | ↓_        | <u> </u>           |                |   |
| 18   | <u></u>  |             |                                     | ــــ         | _              |                   | ļ  | ↓_                                     | <b> </b> -                                       |                 | Щ         | ļ         |            | _  |          |                 |          |          |          |          |          |          | ļ        |          |                 |          | _            | <b>-</b> | ↓_        | <u> </u>           | Ш              |   |
| 19   |          |             | <u> </u>                            | <b>!</b>     |                | ļ                 | <u> </u>   | <u> </u>                               | <del> </del>                                     |                 | $\square$ |           |            | <u> </u>   | L        | Н               |          |          |          |          |          |          |          |          | $\square$       | _ _      | -            | +        |           | $\vdash$           | Ш              |   |
| 120  |          |             | V                                   | <u> </u>     | _              | _                 | ļ  | -                                      | ├  |                 | Н         | -         |            | ļ  | <u> </u> |                 | _        |          | _        | _        |          |          | <u> </u> | 118      | Ш               |          | -            | -        | +         | ┖                  | Ш              |   |
| 21         71         72         121         122         122         123         123         124         124         124         124         124         124         124         124         125         126         126         126         126         126         126         126         126         127         127         127         127         127         127         128         129         129         130         130         130         130         130         130         130         130         130         130         131         131         131         131         131         131         132         132         132         132         132         133         134         134         134         134         135         135         136         136         137         137         137         137         137         137         137         138         139         139         139         140         141         141   |          |             | -                                   | <u> </u>     | -              |                   | <b> </b>   | ļ                                      | ├  | -               | $\dashv$  | <u> </u>  |            |  | ļ        |                 |          |          |          |          | -        |          | -        |          | $\vdash$        |          | +-           | +        | +         | ┝                  |                |   |
| 22         3         122         123         124         124         124         124         124         124         124         124         125         125         125         125         126         126         126         127         128         128         128         128         129         128         129         129         129         129         130         130         131         130         131         130         131         131         132         132         132         132         132         133         133         133         133         133         133         133         133         134         134         134         134         134         134         134         134         134         134         134         135         135         135         135         136         137         137         138         138         138         138         139         140         141         141         141         141         141         141         141         141         141         142         142         143         144         144         144         144         144         144         144         144         144         144   |          |             | V                                   | -            |                | ⊢                 | -  | -                                      | -  | H               |           | -         |            | ┝  | ⊢        | Н               | $\dashv$ | -        |          | $\dashv$ | $\dashv$ |          |          | 120      | $\vdash$        |          | ┿            | ╀        | +         |                    | Н              |   |
| 23       123       123       124       124       124       125       125       125       126       126       126       126       126       126       127       127       127       127       127       127       128       129       129       130       130       130       130       130       130       130       131       131       131       131       131       131       132       133       133       133       133       133       133       133       133       133       134       134       134       134       134       134       134       135       135       135       135       135       135       136       137       137       138       138       138       138       138       138       139       140       141       141       141       141       141       141       141       141       141       142       142       142       143       144       144       144       144       144       144       144       144       144       144       144       145       146       146       147       148       149       149       149       149       149       149       14  |          |             | ⊢                                   | -            | -              | ┝                 | $\vdash$   | ├                                      | ┼  | -               | -         | <b> </b>  |            | ├  | ├        | -               |          | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        |          | -               | $\dashv$ | ╁            | ╁        | +         |                    | H              | - |
| 24         124           25         75           26         76           27         126           77         127           28         77           29         79           30         80           31         131           32         82           33         133           34         84           35         85           36         86           37         87           38         138           39         89           40         90           41         91           42         92           43         93           44         94           45         96           46         96           47         97           48         99  |          |             | ┝                                   | ┢            | <del>-</del>   | ┝                 | ├  | ┼                                      | ┼─   | -               | $\dashv$  |           |            | -  | ┢─       | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | -        |          | $\vdash$        |          | +            | +-       | ╁         | $\vdash$           | H              | _ |
| 25   |          |             | ┢                                   | ┢            | H              | ┢                 | ┢  | 1                                      | ┢  |                 | $\dashv$  |           |            | ┢  | $\vdash$ | Н               | - 1      | -        | -        | $\dashv$ | +        |          | <b></b>  | 124      | $\vdash$        | -        | ╫            | ┿        | ╁         | H                  | H              |   |
| 26         76         126         127         128         127         128         127         128         127         128         129         129         129         129         129         130         130         131         131         131         131         131         132         133         134         134         134         134         134         134         134         134         134         134         135         135         136         136         137         138         138         138         138         138         139         139         140         141         141         142         143         144         142         143         143  |          |             |                                     | ╁            | H              | $\vdash$          | $\vdash$   | ╁                                      | ╁  | $\vdash$        | $\dashv$  |           |            | ┢  | -        | $\vdash$        | -        |          |          | -        | 1        |          | -        |          |                 |          | +-           | +-       | ╁         | -                  | $\vdash$       |   |
| 27         28         127         128         128         128         129         129         129         130         130         130         130         130         131         133  |          |             | $\vdash$                            | $\vdash$     |                |                   | ┢  | $\vdash$                               | $\vdash$   | $\vdash$        | $\dashv$  | <u> </u>  |            | $\vdash$   | $\vdash$ | $\dashv$        | ᅱ        |          | $\dashv$ | -        | ᅥ        |          | <b>—</b> | 126      | -               | _        | +            | +        | 十         | $\vdash$           | Н              |   |
| 28       78       128         29       80       129         30       80       130         31       81       131         32       82       132         33       83       133         34       84       134         35       85       135         36       86       136         37       87       137         38       88       138         39       89       139         40       90       140         41       91       141         42       92       142         43       93       143         44       94       144         45       95       145         46       96       146         47       97       147         48       98       149  |          |             | _                                   | $\vdash$     |                | ┢                 | Г  | $\vdash$                               | T  | $\vdash$        | $\dashv$  | <b> </b>  | 77         | $\vdash$   | _        |                 | $\neg$   | _        |          |          | _        | _        | <b></b>  | 127      |                 | 1        | +            | +-       | $\dagger$ |                    | П              |   |
| 29     79       30     80       31     81       32     82       33     83       34     84       35     85       36     86       37     88       39     89       40     90       41     91       42     92       43     93       44     94       45     96       47     98       48     99       146     147       48     99       148     99       148     149   |          |             | $\vdash$                            | $\vdash$     |                | $\vdash$          |  | T                                      | ऻ  |                 | $\neg$    |           |            | ┢  | $\vdash$ |                 | $\neg$   |          |          |          | ヿ        | _        |          |          |                 | 1        | +            | +        | ╁         |                    | П              |   |
| 31     81       32     131       33     132       33     133       34     134       35     86       36     86       37     137       38     88       39     88       40     90       41     91       42     92       43     94       44     94       45     96       46     96       47     97       48     98       49     99   |          |             |                                     |              |                |                   |  |  |  |                 |           |           | 79         |  | Г        |                 |          |          |          |          |          |          |          | 129      |                 |          | 1            | ╈        |           |                    |                |   |
| 32       82       132       133         33       83       133       134         35       85       135       135         36       86       136       137         38       88       138       137         39       88       138       139         40       90       140       141         41       91       141       142         43       93       143       144         44       93       143       144         45       95       146       147         48       98       148       148         49       99       149       149  |          | 30          |                                     |              |                |                   |  |  |  |                 |           |           | 80         |  |          |                 |          |          | Ì        |          |          |          |          | 130      |                 |          | Τ            | 1        | Τ         |                    |                |   |
| 33       34       35       36       35       36       37       38       37       38       39 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>131</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>   |          |             |                                     |              |                |                   |  |  |  |                 |           |           |            |  |          |                 |          |          |          |          |          |          |          | 131      |                 |          |              |          |           |                    |                |   |
| 34     84       35     85       36     86       37     88       39     89       40     90       41     91       42     92       43     94       44     94       45     96       47     98       48     99       49     99  |          |             |                                     |              |                |                   |  |  | L  |                 |           |           |            |  |          |                 |          |          |          |          |          |          |          |          |                 |          | $\perp$      |          |           |                    |                |   |
| 35     85       36     136       37     88       38     87       39     88       40     90       41     91       42     92       43     93       44     94       45     96       46     96       47     97       48     98       49     149  |          |             | <u> </u>                            |              |                | L                 |  |  | <u> </u>   |                 | $\Box$    |           |            | L  |          |                 |          |          |          |          |          |          |          |          |                 |          |              | _        |           |                    |                |   |
| 36     37       38     87       39     88       40     90       41     91       42     92       43     93       44     94       45     96       46     96       47     98       48     99       49     149       136     137       138     139       139     140       141     141       142     142       143     144       145     145       146     147       148     148       149     149   | <u> </u> |             | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |              |                | $ldsymbol{f eta}$ |  | <u> </u>                               | _  |                 | Ш         |           |            | 匚  | <u> </u> | Ш               | _        | _        |          |          |          |          |          | 134      | Ш               |          | $\bot$       | 1_       | _         | $\Box$             | Ш              |   |
| 37       38       39       88       138       138       139       139       139       140       140       140       140       141       141       141       141       141       141       141       141       142       142       143       143       143       144       144       144       145       145       145       146       147       146       147       148       148       148       149 </td <td><u> </u></td> <td></td> <td>lacksquare</td> <td></td> <td>Ш</td> <td><u> </u></td> <td></td> <td><math>oldsymbol{oldsymbol{oldsymbol{eta}}}</math></td> <td><u> </u></td> <td></td> <td>Ш</td> <td></td> <td></td> <td><u> </u></td> <td></td> <td></td> <td></td> <td></td> <td>_ </td> <td></td> <td>_</td> <td>_ </td> <td><u> </u></td> <td></td> <td><u> </u></td> <td></td> <td><math>\perp</math></td> <td>_</td> <td>_</td> <td>Ш</td> <td></td> <td>_</td>   | <u> </u> |             | lacksquare                          |              | Ш              | <u> </u>          |  | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | <u> </u>   |                 | Ш         |           |            | <u> </u>   |          |                 |          |          | _        |          | _        | _        | <u> </u> |          | <u> </u>        |          | $\perp$      | _        | _         | Ш                  |                | _ |
| 38       39         40       90         41       91         42       92         43       93         44       94         45       96         47       97         48       99         49       99  | ļ        |             | <u> </u>                            |              | Ш              | <u> </u>          |  | $\vdash$                               | _  | Ш               | Ш         | <u> </u>  |            | _  | <b> </b> |                 |          |          | _        | _        | _        | _        | <u> </u> | 136      | $\sqcup$        | _        | +            | $\perp$  | ↓         | $\sqcup$           | Щ              | _ |
| 39       89       139       140       140       140       140       140       140       141       141       141       141       141       141       141       142       142       143       143       143       143       144       144       144       144       144       145       145       145       146       146       147       147       147       148       148       148       149       140       140       141       141       141       141       142       142       143       143       144  | <u> </u> |             | _                                   | ₩            | $\vdash$       | <u> </u>          | <del> </del>                                     | ⊢                                      |  | $\vdash$        | $\dashv$  | -         |            | <u> </u>   | $\vdash$ | $\vdash$        | _        | _        |          | _        |          | _        | <u> </u> | 137      | $\sqcup$        |          |              | +        | +         | <u> </u>           |                |   |
| 40       90       140       141         41       91       141       141         42       92       142       142         43       93       143       144         44       94       144       144         45       95       145       146         46       96       146       147         48       98       148       148         49       99       149       149  | ļ        |             | $\vdash$                            |              | $\vdash$       | <u> </u>          | 1  | ├-                                     | ├-   | Ы               | Щ         | -         |            | H  | $\vdash$ | $\vdash$        | _        | -        |          |          |          | $\dashv$ |          |          | $\dashv$        | -        | +            | +        | +-        | $\vdash$           |                |   |
| 41       91       141       142       142       142       143       143       143       143       143       144       144       144       144       145       145       145       146       146       146       147       147       147       148       148       148       149       144  | <u> </u> |             | -                                   |              | $\vdash$       |                   |  | <del> </del>                           |  |                 |           |           | 89         | $\vdash$   | $\vdash$ | $\vdash \vdash$ |          | $\dashv$ |          | -        |          |          |          |          | $\vdash$        | $\dashv$ | +            | +        | +         | $\vdash$           | $\vdash$       | _ |
| 42     92       43     93       44     94       45     95       46     96       47     97       48     98       49     99  | <u> </u> | 40          | $\vdash$                            | $\vdash$     | $\vdash$       | $\vdash$          | $\vdash$   | $\vdash$                               | $\vdash$   | Н               | $\vdash$  | -         | 90         | $\vdash$   | <u> </u> | $\vdash$        |          |          |          |          | -        | $\dashv$ | _        | 140      | $\dashv$        |          | +            | ╀        | +         | -                  | ⊢⊢             |   |
| 43     93       44     94       45     95       46     96       47     97       48     98       49     99  |          |             |                                     | <del> </del> | $\vdash$       | H                 | $\vdash$   | $\vdash$                               | ├—   | $\vdash$        | $\dashv$  | -         |            | <u> </u>   | $\vdash$ | $\vdash \vdash$ |          | -        |          | $\dashv$ | +        | $\dashv$ | -        |          | $\vdash$        |          | +-           | ╁        |           | -                  | $\vdash\vdash$ | _ |
| 44     94       45     95       46     96       47     97       48     98       49     99  | <u> </u> | 42          | $\vdash$                            | <del> </del> | $\vdash\vdash$ | -                 | ├  | ├                                      | ├-   | $\vdash \vdash$ | $\vdash$  | -         | 92         | $\vdash$   | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | -        | -        |          | $\dashv$ | -        | 1/12     | $\vdash \vdash$ |          | +-           | ╁        | +         | $\vdash$           | ┝╼┥            |   |
| 45     95       46     96       47     97       48     98       49     99  | <u> </u> |             | $\vdash$                            | $\vdash$     | $\vdash$       |                   | $\vdash$   | $\vdash$                               | $\vdash$   | Н               | $\vdash$  | $\vdash$  | 93         | $\vdash$   | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |          |          |          |          |          | $\vdash \vdash$ |          | +            | +        | +         | $\vdash$           |                |   |
| 46     96       47     97       48     98       49     99  |          |             | $\vdash$                            | $\vdash$     | $\vdash$       |                   |  | $\vdash$                               | -  | $\vdash$        | $\vdash$  | -         | 94         | -  | -        |                 |          |          |          | $\dashv$ | -        | $\dashv$ | -        |          | $\vdash$        | +        | +            | +        | +-        | $\vdash$           | $\vdash$       |   |
| 47     97     147       48     98     148       49     99     149  |          |             | -                                   | $\vdash$     | $\vdash$       | $\vdash$          | ╁  | ╁─                                     | ╁  | $\vdash$        | $\dashv$  |           | 96         | -  | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ |          |                 | +        | ╁            | ╁        | +-        | $\vdash$           | $\vdash$       | _ |
| 48   | ·        |             | $\vdash$                            | $\vdash$     | $\vdash$       |                   |  | t                                      | $\vdash$   | Н               | $\vdash$  | -         |            | <del>                                     </del> | $\vdash$ |                 |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _        | 147      | $\vdash$        | +        | +            | +        | +         | $\vdash$           | $\dashv$       | _ |
| 49   99   149   149   1  |          |             | $\vdash$                            | $\vdash$     | $\vdash$       |                   | _  | $\vdash$                               | <del>                                     </del> | Н               | -         |           | 98         | $\vdash$   | Н        |                 | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | <u> </u> | 148      | $\vdash$        | $\dashv$ | ╁            | +        | +         | H                  | $\Box$         |   |
| 50   100   150   150   |          | 49          | Т                                   | Т            | П              |                   | Г  |  | T  | П               | $\dashv$  |           | 99         |  |          |                 |          | _        | _        | $\dashv$ | $\dashv$ | $\dashv$ |          | 149      | $\vdash$        |          | $\top$       | T        | T         | П                  | $\sqcap$       |   |
|  |          | 50          |                                     |              |                |                   |  |  | l  | П               |           |           | 100        |  |          |                 |          |          |          | $\neg$   |          | $\dashv$ |          | 150      |                 | $\neg$   | $\top$       | †        | 1         |                    | $\sqcap$       |   |